

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 19. (cancelled)

20. (original) A system for generating accessory power from a gas turbine engine, said system comprising:

means for monitoring at least one parameter which provides information about an incipient change in power demand;

means for supplying bleed air from said engine during a transient state in response to said at least one monitored parameter; and

a pneumatically operated means for receiving said bleed air and for generating power to operate equipment onboard an aircraft.

21. (original) A system according to claim 20, wherein said monitoring means comprises an electronic engine control device which receives at least one input signal about said incipient change in power demand.

22. (original) A system according to claim 21, wherein said electronic engine control device comprises a full authority digital electronic control device.

23. (original) A system according to claim 21, wherein said bleed air supply means comprises a control valve which is opened

or modulated by a signal from said electronic engine control device.

24. (original) A system according to claim 23, wherein said control valve in an open position allows bleed air from a high pressure compressor of said engine to flow to said pneumatically operated means.

25. (original) A system according to claim 23, further comprising a feedback loop for transmitting a signal to said electronic engine control device representative of control valve position.

26. (original) A system according to claim 20, wherein said pneumatically operated means comprises a pneumatically integrated generator for supplying electrical power to operate at least one accessory selected from the group consisting of a generator, a starter/generator, a fuel pump, a deoiler, a PMA, a lube pump, and a hydraulic pump.

27. (original) A system according to claim 20, wherein said pneumatically operated means comprises a pneumatically integrated generator for supplying mechanical power to a gearbox for operating at least one accessory selected from the group consisting of a generator, a starter/generator, a fuel pump, a deoiler, a PMA, a lube pump, and a hydraulic pump.

28. (original) A system according to claim 20, wherein said pneumatically operated means comprises an air turbine mounted on a gearbox for providing mechanical shaft power to said gearbox for operating at least one accessory selected from the group

consisting of a generator, a starter/generator, a fuel pump, a deoiler, a PMA, a lube pump, and a hydraulic pump.

29. (original) A system according to claim 20, wherein said pneumatically operated means comprises an air turbine connected to a gearbox shaft by a shaft and gear arrangement, said air turbine providing mechanical shaft power to said gearbox for operating at least one accessory selected from the group consisting of a starter/generator, a fuel pump, a deoiler, a PMA, a lube pump, and a hydraulic pump.

30. (original) A system according to claim 20, wherein said pneumatically operated means comprises an air turbine connected to a gearbox and further comprising a generator attached to said gearbox and being driven by said air turbine.

31. (original) A system according to claim 20, wherein said pneumatically operated means comprises an air turbine and further comprising a generator driven by said air turbine for supplying power to at least one system onboard an aircraft.

32. (original) A system according to claim 20, wherein operation of said pneumatically operated means increases an amount of stall margin available to a high pressure compressor of said engine.